


```

RRRRRRRR      EEEEEEEEEEE      QQQQQQ
RRRRRRRR      EEEEEEEEEEE      QQQQQQ
RR              RR      EE              QQ              QQ
RR              RR      EE              QQ              QQ
RR              RR      EE              QQ              QQ
RR              RR      EE              QQ              QQ
RRRRRRRR      EEEEEEEEEEE      QQ              QQ
RRRRRRRR      EEEEEEEEEEE      QQ              QQ
RR      RR      EE              QQ              QQ
RR      RR      EE              QQ              QQ
RR              RR      EE              QQ              QQ
RR              RR      EE              QQ              QQ
RR              RR      EE              QQ              QQ
RR              RR      EEEEEEEEEEE      QQQQ      QQ
RR              RR      EEEEEEEEEEE      QQQQ      QQ

```

REQUIRE file for COPY utility, COPYMSG.REQ

Version: 'V04-000'

```
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```

Created by Carol Peters, April 25, 1978, 13:52:00

Modified by:

```
001      TMH0001      T. Halvorsen      17-Nov-1979
          Do not declare copy$msg_number external if it has
          already been declared in the calling module.
```

External declarations

```
%IF NOT %DECLARED(copy$msg_number) %THEN
EXTERNAL ROUTINE
  copy$msg_number;
%FI
```

! Determines the numeric value of an error message

Macros

MACRO

```
! The PUT_MESSAGE macro SIGNALS an error to the catchall handler.
```

```
put_message (msg_symbol) =
```

! Send fixed message to the user

```
%IF msg_symbol MOD 8 NEQ sts$k_severe
  %THEN SIGNAL
  %ELSE SIGNAL_STOP %FI
```

```
  (copy$msg_number (msg_symbol))
  %IF %LENGTH GTR 1
    %THEN , %REMAINING %FI)
```

```
%,
```

```
put_message (msg_value) = ! Send variable message to user
```

```
%IF copy$msg_number (msg_value) MOD 8 NEQ sts$k_severe
  THEN
```

```
  SIGNAL (copy$msg_number (msg_value))
  %IF %LENGTH GTR 1
    %THEN , %REMAINING %FI)
```

```
ELSE
```

```
  SIGNAL_STOP (copy$msg_number (msg_value))
  %IF %LENGTH GTR 1
    %THEN , %REMAINING %FI)
```

```
%;
```

```
! End of REQUIRE file, COPYMSG.REQ
```

```
! If this is not a severe error message,
! then just signal the error;
! otherwise, signal a fatal error.
! Use as arguments to the SIGNAL,
! the number of the message,
! and if more than one parameter to the macro,
! the remaining parameters as well.
```

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VAX/VMS V4.0

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